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GP1632

DOCKET NO.: CACO-0045

TECH CENTER 1600/2900

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Antoniou and
Grosveld

Serial No.: 09/247,054

Group Art Unit: 1632

Filing Date: February 9, 1999

Examiner: A. Baker

For: SELF-REPLICATING EPISOMAL EXPRESSION VECTORS
CONFERRING TISSUE-SPECIFIC GENE EXPRESSION

I, Doreen Yatko Trujillo, Registration No. 35,719 certify that
this correspondence is being deposited with the U.S. Postal
Service as First Class mail in an envelope addressed to the
Assistant Commissioner for Patents, Washington, D.C. 20231.

On March 26, 2002
Doreen Yatko Trujillo
Doreen Yatko Trujillo, Reg. No. 35,719

Assistant Commissioner for Patents
Washington DC 20231

Sir:

**AMENDMENT AND REQUEST FOR RECONSIDERATION
TRANSMITTAL LETTER**

Transmitted herewith for filing in the above-identified patent application is:

- ☒ An Amendment and Request for Reconsideration Responsive to the Office Action
Dated September 26, 2001.
- ☒ Other: *The Language of Biotechnology, A Dictionary of Terms*, p. 89, J.M.
Walker and M. Cox, American Chemical Society, Washington, D.C., 1988
and Declaration of Dr. Michael Antoniou dated March 25, 2002.
- ☒ Applicant(s) has previously claimed small entity status under 37 CFR §1.27.
- ☒ An Associate Power of Attorney is enclosed.

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FEE CALCULATION

☐ No Additional Fee is Due.

				SMALL ENTITY		NOT SMALL ENTITY	
	REMAINING AFTER AMENDMENT	HIGHEST PAID FOR	EXTRA	RATE	FEE	RATE	FEE
TOTAL CLAIMS	24	24 (20 MINIMUM)		\$9 EACH	\$	\$18 EACH	\$
INDEP. CLAIMS	03	03 (3 MINIMUM)		\$42 EACH	\$	\$84 EACH	\$
FIRST PRESENTATION OF MULTIPLE DEPENDENT				\$140	\$	\$280	\$
<input type="checkbox"/> ONE MONTH EXTENSION OF TIME				\$55	\$	\$110	\$
<input type="checkbox"/> TWO MONTH EXTENSION OF TIME				\$200	\$	\$400	\$
<input checked="" type="checkbox"/> THREE MONTH EXTENSION OF TIME				\$460	\$460	\$920	\$
<input type="checkbox"/> FOUR MONTH EXTENSION OF TIME				\$720	\$	\$1440	\$
<input type="checkbox"/> FIVE MONTH EXTENSION OF TIME				\$980	\$	\$1960	\$
<input type="checkbox"/> LESS ANY EXTENSION FEE ALREADY PAID				minus	(\$)	minus	(\$)
<input type="checkbox"/> TERMINAL DISCLAIMER				\$55	\$	\$110	\$
<input type="checkbox"/> OTHER FEE OR SURCHARGE AS FOLLOWS:							
TOTAL FEE DUE					\$460.00		\$

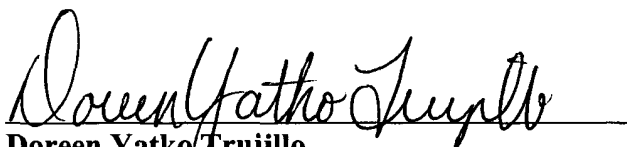
☒ A Check is enclosed in the amount of \$460.00.☒ Petition is hereby made under 37 C.F.R. 1.136(a) to extend the time for response to the Office Action of **September 26, 2001** to and through **March 26, 2002** comprising an extension of the shortened statutory period of **three month(s)**.

- ☒ The Commissioner is hereby requested to grant an extension of time for the appropriate length of time, should one be necessary, in connection with this filing or any future filing submitted to the U.S. Patent and Trademark Office in the above-identified application during the pendency of this application. The Commissioner is further authorized to charge any fees related to any such extension of time to deposit account 23-3050. This sheet is provided in duplicate.
- ☒ The Commissioner is authorized to charge payment of the following fees and to refund any overpayment associated with this communication or during the pendency of this application to deposit account 23-3050. This sheet is provided in duplicate.
- ☐ The Foregoing Amount Due for Filing this Paper.
- ☒ Any additional filing fees required, including fees for the presentation of extra claims under 37 C.F.R. 1.16.
- ☒ Any additional patent application processing fees under 37 C.F.R. 1.17 or 1.20(d).

SHOULD ANY DEFICIENCIES APPEAR with respect to this application, including deficiencies in payment of fees, missing parts of the application or otherwise, the United States Patent and Trademark Office is respectfully requested to promptly notify the undersigned.

Date:

March 26, 2002



Doreen Yatko Trujillo

Registration No. 35,719

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On March 26, 2002
Doreen Yatko Trujillo
Doreen Yatko Trujillo, Reg. No. 35,719

Assistant Commissioner for Patents
Washington DC 20231

AMENDMENT AND REQUEST FOR RECONSIDERATION

Pursuant to 37 C.F.R. § 1.111, please amend the above-identified application as
follows.

In the claims:

Please amend the claims as follows:

- 01
1. (Twice Amended) A self-replicating episomal DNA expression vector for
expressing a gene of interest extrachromosomally in a host cell of a specific tissue type, the
vector comprising:
 - (a) a self-replicating origin of replication operative in mammalian host cells;
 - (b) an LCR, or component thereof, which when operatively linked to a gene of

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